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PATENT AGENT

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Practice Areas

Intellectual Property

Patents

Education

University of Houston, Ph.D., 2021

University of Houston, B.S., 2013

Bar & Court Admissions

U.S. Patent and Trademark Office

James is a patent agent in the Vorys Houston office and a member of the intellectual property (IP) group. He has experience in preparing patents for the chemistry, chemical engineering, materials science and pharmaceutical fields.

James received his Ph.D. in chemistry from the University of Houston, working under Professor Scott Gilbertson in his medicinal chemistry lab. Specifically, James synthesized Boger -helix mimics to interact with beclin-1 to modulate autophagy. Additionally, he worked on synthesizing peptidomimetics to disrupt the protein-protein interaction between the serotonin 2C receptor and the PTEN protein. James completed his postdoctoral research training from Rice University in Professor Julian West's organic chemistry lab, where he worked on designing a radical ligand transfer reaction where "inert" alkanes were transformed into alkyl azides, using iron as the metal catalyst and photocatalytic difunctionalization of alkenes by a ligand-to-metal charge transfer and radical ligand transfer reaction.

His post-doctoral research was published in several academic journals, including *Chemical Science*, *ChemComm* and *Frontiers in Pharmacology*. In addition to his Ph.D., James received his B.S. in biochemical and biophysical sciences from the University of Houston.

James is not licensed to practice law in any state and does not provide legal services.